



**LIST OF PRIOR ART CITED BY
APPLICANT
SUBSTITUTION FOR
(PTO-1449)**

ATTY. DOCKET NO.
CI-0012APPLN. SERIAL NO.
09/960,703APPLICANT
Shirl y MIEKKA et al.FILING DATE
Sept 24, 2002GROUP
1744**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
KJ	A1	6,139,746	10/31/00	KOFP	210	635	04/28/99
KJ	A2	5,965,349	10/12/99	LIN et al.	435	2	03/17/97
KJ	A3	5,958,669	09/28/99	OGLE et al.	435	1.1	05/02/97
KJ	A4	5,911,951	06/15/99	GIRARDOT et al.	422	28	02/09/98
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						
	A11						
	A12						
	A13						

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER'S INITIALS	CITE NO.	*PATENT APPLN. PUB. NO.	*PUBLICATION DATE	*APPLICANT	CLASS	SUBCLASS	FILING DATE
	B1						

U.S. PATENT APPLICATIONS

*EXAMINER'S INITIALS	CITE NO.	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	
	C1						

FOREIGN PATENT DOCUMENTS

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*PUBLICATION DATE	*COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
	D1							
	D2							
	D3							
	D4							
	D5							

OTHER ART

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
KJ	E1	International Search Report dated January 6, 2003
	E2	
	E3	

EXAMINER *Krisian J. Tyrah*

DATE CONSIDERED

1/02/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

LIST OF PRIOR ART CITED BY APPLICANT (PTO-1449)			ATTY. DOCKET NO. CI-0012	APPLN. SERIAL NO. 09/960,703		
			RECEIVED SEP 29 2001 BURGESS TC 1700	APPLICANT(S) Sarl y MIEKKA, Martin J. MACPHEE, William N. DROHAN, David MANN and Wilson		
			FILING DATE September 24, 2001	GROUP 1744		
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
KJ	3,962,038	06/08/76	KAWASHIMA et al.	195	68	04/10/74
KJ	4,894,253	01/16/90	HEINEMAN et al.	427	36	08/08/88
KJ	5,002,766	03/26/91	RANSBERGER et al.	424	94.2	09/23/88
KJ	5,965,349	10/12/99	LIN et al.	435	2	03/17/97
KJ	5,958,669	09/28/99	OGLE et al.	435	1.1	05/02/97
KJ	5,911,951	06/15/99	GIRARDOT et al.	422	28	02/09/98
U.S. PATENT APPLICATION PUBLICATIONS						
	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS	
U.S. PATENT APPLICATIONS						
	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
KJ	JP 408098688A	04/16/96	Japan			Abs
KJ	WO 00/52031	09/08/00	PCT			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Publisher, Place of Publication, Etc.)						
KJ	P.V. Kapanin et al., "Feasibility of liposome cryoradiation sterilization," Khimiko-Farmatsevticheskii Zhurnal, 1988, Vol. 22(4), Abstract, pp. 479-82.					
EXAMINER	DATE CONSIDERED 10/10/01					

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AUG 26 2002
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U.S. PATENT DOCUMENTS

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
	A1	4,336,247	06/1982	Eriksen			
	A2	4,931,361	06/1990	Baldeschwieler et al.			
	A3	5,012,503	04/1991	Nambu et al.			
	A4	5,044,091	09/1991	Ueda et al.			
	A5	5,856,172	01/1999	Greenwood et al.			
	A6	6,010,719	01/2000	Remon et al.			
	A7	6,060,233	05/2000	Wiggins			
	A8	6,258,821	07/2001	Stogniew et al.			
	A9						
	A10						
	A11						

RECEIVED**AUG 28 2002****TC 1700****U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER'S INITIALS	CITE NO.	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS	FILING DATE
	B1						

U.S. PATENT APPLICATIONS

*EXAMINER'S INITIALS	CITE NO.	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	FILING DATE
	C1						

FOREIGN PATENT DOCUMENTS

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*DATE	*COUNTRY	CLASS	SUBCLASS	Translation
							Yes No
	D1						
	D2						
	D3						
	D4						
	D5						

OTHER ART

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
	E1	Blanchy, B.B. et al., Immobilization of Factor VIII on Collagen Membranes, J. Biomedical Materials Research, 20:469-479 (1986) (John Wiley & Sons, Inc.)
	E2	Borisova, E.A. et al., Protein Degradation During Interphase Death of Thymocytes Induced by Radiation and Dexamethasone, pp.519-521 (1990)

EXAMINER *Krisanjan Boob*DATE CONSIDERED *7/02/02*

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EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
	E3	Boyer, T.D. et al., Radiation Inactivation of Microsomal Glutathione S-Transferase, The Journal of Biological Chemistry, 261:16963-16968 (1986)
	E4	Chanderkar, L.P. et al., The Involvement of Aromatic Amino Acids in Biological Activity of Bovine Fibrinogen as Assessed by Gamma-Irradiation, Radiation Research, 65:283-291 (1976) (Academic Press, Inc.)
	E5	Chanderkar, L.P. et al., Radiation-Induced Changes In Purified Prothrombin and Thrombin, Biochimica et Biophysica Acta, 706:1-8 (1982) (Elsevier Biomedical Press)
	E6	Chin, S. et al., Virucidal Treatment of Blood Protein Products With UVC Radiation, Photochemistry and Photobiology, 65:432-435 (1997) (American Society for Photobiology)
	E7	Dyskin, E.A. et al., Hemomicrocirculatory Bed in the Wall of Hollow Organs of the Dog Gastrointestinal Tract at Portal Hypertension, Arkh Anat Gistol Embiol, 93:58-68 (1987)
	E8	Hsiue, G. et al., Absorbable Sandwich-Like Membrane for Retinal-Sheet Transplantation, pp.20-25 (2002) (Wiley Periodicals, Inc.)
	E9	Jensen, J. et al., Membrane-bound Na, K-ATPase: Target Size and Radiation Inactivation Size of Some of Its Enzymatic Reactions, J. Biological Chemistry, 263:18063-18070 (1988) (Am. Soc. for Biochem. and Mol. Biol.)
	E10	Kamat, H.N. et al., Correlation of Structural Alterations in Bovine Fibrinogen with Loss of Clotting Properties After Gamma Irradiation, Radiation Research, 49:381-389 (1972) (Academic Press, Inc.)
	E11	Kempner, E.S. et al., Effect of Environmental Conditions on Radiation Target Size Analyses, Analytical Biochemistry, 216:451-455 (1994)
	E12	Kempner, E.S. et al., Radiation-Damaged Tyrosinase Molecules are Inactive, Biophysical Journal, 55:159-162 (1989) (Biophysical Society)
	E13	Kuijpers, A.J. et al., <i>In vivo</i> Compatibility and Degradation of Crosslinked Gelatin Gels Incorporated in Knitted Dacron, pp.137-144 (2000) (John Wiley & Sons, Inc.)
	E14	Le Maire, M. et al., Effects of Ionizing Radiations on Proteins, Journal of Biochem., 267:431-439 (1990)
	E15	License Amendment and Procedures for Gamma Irradiation of Blood Products, Dept. of Health & Human Services, Food and Drug Administration, pp. 1-18 (June 22, 1993)
	E16	Ma, J.T. et al., Functional Size Analysis of F-ATPase from <i>Escherichia coli</i> by Radiation Inactivation, The Journal of Biological Chemistry, 268:10802-10807 (1993) (The Am. Soc. for Biochem. and Mol. Bio., Inc.)
	E17	Marx, G. Protecting Fibrinogen with Rutin During UVC Irradiation for Viral Inactivation, Photochemistry and Photobiology, 63:541-546 (1996) (American Society for Photobiology)
	E18	The Merck Index, Eleventh Edition, Glucose, pp. 699-700 (1989) (Merck & Co., Inc.)
	E19	Nagrani, S. et al., The Radiation-Induced Inactivation of External Yeast Invertase in Dilute Aqueous Solution, Int. J. Radiat. Biol., 55:191-200 (1989) (Taylor & Francis Ltd.)

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	E20	Nielsen, M. et al., The Apparent Target Size of Rat Brain Benzodiazepine Receptor, Acetylcholinesterase, and Pyruvate Kinase Is Highly Influenced by Experimental Conditions, The Journal of Biological Chemistry, 263:11900-11906 (1988) (The American Society for Biochemistry and Molecular Biology, Inc.)
	E21	Potier, M. et al., Radiation Inactivation of Proteins: Temperature-Dependent Inter-Protomeric Energy Transfer in Ox Liver Catalase, Biochem. J., 298:571-574 (1994)
	E22	Sakai, T. et al., Microbiological Studies on Drugs and Their Raw Materials. IV. Sterilization of Microbial Contaminants in Enzyme Powder by Gamma Irradiation, Chem. Pharm. Bull., 26:1130-1134 (1978)
	E23	Salim-Hanna, M. et al., Free Radical Scavenging Activity Of Carnosine, Free Rad. Res. Comms., 14:263-270 (1991) (Harwood Academic Publishers GmbH)
	E24	Shcheglova, S.G. et al., The Effect of the Power of Gamma-Radiation on the Radiation dose in the Sterilization of Drugs, Khim Farm ZH, 18:730-732 (1984) Derwent (Abstract) No. 111469
	E25	Song, K.B. et al., Effect of Gamma-irradiation on the Physicochemical Properties of Blood Plasma Proteins, 2002 Annual Meeting and Food Expo-Anaheim, California, Session 30C-1, Food and Chemistry: Proteins, (June 2002) (Abstract)
	E26	Suomela, H., Inactivation of Viruses in Blood and Plasma Products, Transfusion Medicine Reviews, 7:42-57 (1993) (W.B. Saunders Company)
	E27	(Abstract of EP0919198A2 and EP0919198A3 (Delphion-DERABS Abstract # G1999-304614))
	E28	Website: www.wslfweb.org/docs/dstp2000.dtopdf/19-MD.pdf (Defense Science and Technology Plans, (February 2000) p. 176, Section II, MD.03, U.S. Department of Defense Deputy Under Secretary of Defense (Science and Technology))
	E29	Website: www.usacc.org/atacc/ppt.html , (Advanced Technology Applications for Combat Casualty Care, 2001 Presentations, US Army Medical Research and Material Command Combat Casualty Care Research Program (2001))
	E30	Website: www.usacc.org/RevisedStepB.html , Bakaltcheva, I. et al., (FY01 Request for Proposals-Intramural-Revised 2, Combat Casualty Care Research Program, (2002))
	E31	Website: www.benvue.com/history/history_content.html , (2002)
	E32	Website: www.phase-technologies.com/html/vol.2no1.html , Jennings, T.A., (Glossary of Terms for Lyophilization) (1999)
	E33	Website: www.phase-technologies.com/html/vol.1no9.html , Jennings, T.A., (Overview of the Lyophilization Process) (1998)
	E34	Website: www.phase-technologies.com/html/vol.1no2.html , Jennings, T.A., (Role of Product Temperature in the Lyophilization Process) (1998)
	E35	Website: www.phase-technologies.com/html/vol.2no2.html , Jennings, T.A., (What I Wish I Knew About Lyophilization) (1999)
	E36	Website: www.phase-technologies.com/html/vol.1no7.html , Jennings, T.A., (Which Shelf Temperature During Lyophilization?) (1998)
	E37	Website: www.phase-technologies.com/html/vol.1no10.html , Jennings, T.A., (Yes, You have no Eutectic) (1998)
	E38	

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